



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

20th & Arch

on

3/15/2025

Please return the entire report.

Customer Sign Off

-If there are no deficiencies nothing needs to be done

-If there are any (HIGH, RED) deficiencies please follow the instructions below

The deficiencies marked HIGH in RED shall be corrected and this report must be dated, signed and email THIS ENTIRE REPORT to tony.rossi@tandemlift.com or jon.santimaw@tandemlift.com. After the signed document is received, a certification and label will be issued. The deficiencies denoted with (REC, MEDIUM, ORANGE) are recommended and are not required to be corrected to achieve certification. However those items should be corrected to improve equipment reliability and performance.

-The undersigned verifies that the deficiencies denoted with (DEF, HIGH, RED) have been corrected.

Signature

Date


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 High  Med  Low Section




Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400) - 20th & Arch	Telescoping Boom Crane: 046 840 - S344	0	0	0	1.0
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Overview




Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)	0	0	0	1
Overall:	0	0	0	1

Breakdown by Location

Location	 High	 Med	 Low	# Forms
20th & Arch	0	0	0	1
Overall:	0	0	0	1

Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Telescoping Boom Crane	0	0	0	1
Overall:	0	0	0	1

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Tandem Lift LLC
321 Enlow Place
Pennsville, NJ 08070
833-TANDEM1

Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)

Sautter Crane rental
2900 Black Lake Place
Philadelphia, PA 19154

FolderID: 031525S344
FormID: 23747639



Telescoping Boom Crane

Location: 20th & Arch

Serial Number: 046 840

Unit Number: S344

Status: In Service

Additional Notes: 227 ft main boom
126 ft luffing jib
3 parts of line
340,000 lbs counterweight

Manufacturer: Liebherr

Model: LTM 1650-8.1

Capacity: 770 Tons

Length/Lift: 263 ft

Type of Crane: All Terrain Crane

Number of Hoists: Main and Auxiliary

Boom Configuration: Main Boom & Luffing Jib Assembled

Load Test: No

Priorities Found: ● 122 - Good

General

● 1. Location of Equipment **20th and Arch**

2. Customer Sign Off

Please return the entire report.

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Signature

● 3. Hours & Mileage

Hours

Mileage

2,647

10,807

Inspection Information

● 4. Inspection Number **031525S344**

● 5. Inspection Date **03/15/2025**

● 6. Inspection Type **(Ann) Annual**

Information & Records

● 7. Documentation of Annual/Comprehensive Inspection **(SAT) Satisfactory**

● 8. Daily/Monthly Inspection Records **(SAT) Satisfactory**

● 9. Maintenance Records **(SAT) Satisfactory**

● 10. Hand Signal Chart **(SAT) Satisfactory**

● 11. Safety and Warning Decals **(SAT) Satisfactory**

● 12. Operators Manual **(SAT) Satisfactory**

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Safety Devices & Operational Aids		
● 13.	Backup Alarm	(SAT) Satisfactory
● 14.	Audible Warning Device	(SAT) Satisfactory
● 15.	Boom Angle Indicator	(SAT) Satisfactory
● 16.	Boom Length Indicator	(SAT) Satisfactory
● 17.	Drum Rotation Indicator(s)	(SAT) Satisfactory
● 18.	Anti Two-Block Device/System	(SAT) Satisfactory
● 19.	Load Moment Indicator (LMI)	(SAT) Satisfactory
● 20.	Load Weight Indicator	(SAT) Satisfactory
● 21.	Radius Indicator	(SAT) Satisfactory
● 22.	Level Indicator(s)	(SAT) Satisfactory
● 23.	Fire Extinguisher	(SAT) Satisfactory
Load Chart		
● 24.	Visible/Accessible	(SAT) Satisfactory
● 25.	Per Configuration	(SAT) Satisfactory
● 26.	Durable/Legible/Secured	(SAT) Satisfactory
Carrier		
● 27.	Steering	(SAT) Satisfactory
● 28.	Parking Brake	(SAT) Satisfactory
● 29.	Exterior Lights (Headlights, Turn Signals, Brake Lights, Reverse Lights)	(SAT) Satisfactory
● 30.	Windshield & Wipers	(SAT) Satisfactory
● 31.	Windows & Mirrors	(SAT) Satisfactory
● 32.	Wheels & Tires	(SAT) Satisfactory
● 33.	Engine	(SAT) Satisfactory
● 34.	Exhaust System	(SAT) Satisfactory
● 35.	Axle Lockout	(SAT) Satisfactory
● 36.	Drive Line	(SAT) Satisfactory
● 37.	Main Frame Members	(SAT) Satisfactory
● 38.	Hoses/Fittings/Valves	(SAT) Satisfactory
● 39.	Hydraulic Tank & Fluid Level	(SAT) Satisfactory
● 40.	Slip Resistant Walking Surfaces	(SAT) Satisfactory
● 41.	Steps/Ladders/Handrails	(SAT) Satisfactory
Outriggers/Stabilizers		
● 42.	Structure & Mounting	(SAT) Satisfactory
● 43.	Boxes & Beams	(SAT) Satisfactory
● 44.	Cylinders	(SAT) Satisfactory
● 45.	Pads/Floats	(SAT) Satisfactory
● 46.	Hoses/Fittings/Valves	(SAT) Satisfactory
Operators Station		
● 47.	Windows & Wipers	(SAT) Satisfactory
● 48.	Cab Door Restraint	(SAT) Satisfactory
● 49.	Cab Access	(SAT) Satisfactory
● 50.	Steps/Ladders/Handrails	(SAT) Satisfactory
● 51.	Anti-Skid Stepping Surfaces	(SAT) Satisfactory
● 52.	Fire Extinguisher	(SAT) Satisfactory
● 53.	Operator Horn	(SAT) Satisfactory
● 54.	Controls Identified	(SAT) Satisfactory
● 55.	Control Functions	(SAT) Satisfactory

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● 56.	Power Plant Controls	(SAT) Satisfactory
● 57.	Operator Cutoff Switch (Deadman)	(SAT) Satisfactory
● 58.	Brake & Clutch	(NA) Not Applicable
● 59.	Travel Controls	(NA) Not Applicable
● 60.	Accelerator/Throttle Control	(SAT) Satisfactory
● 61.	Hoses/Fittings/Valves	(SAT) Satisfactory
● 62.	Housekeeping	(SAT) Satisfactory
Rotating Upper Structure		
● 63.	Structure	(SAT) Satisfactory
● 64.	Engine	(NA) Not Applicable
● 65.	Exhaust System/Guards/Insulators	(NA) Not Applicable
● 66.	Hoses/Fittings/Valves	(SAT) Satisfactory
● 67.	Hydraulic & Pneumatic Pumps	(SAT) Satisfactory
● 68.	Hydraulic Pressure	(SAT) Satisfactory
● 69.	Electrical Wiring	(SAT) Satisfactory
● 70.	Ring & Pinion Gear	(SAT) Satisfactory
● 71.	Swing System/Assembly	(SAT) Satisfactory
● 72.	Counterweight Frame	(SAT) Satisfactory
● 73.	Counterweight Mounting	(SAT) Satisfactory
Hoist System		
● 74.	Brakes & Clutch System	(SAT) Satisfactory
● 75.	Wire Rope Reeving	(SAT) Satisfactory
●	3 parts of line	
● 76.	2 Rope Wrap Minimum	(SAT) Satisfactory
● 77.	Hoist Motor	(SAT) Satisfactory
● 78.	Hoses/Fittings/Valves	(SAT) Satisfactory
● 79.	Drums/Lagging/Flanges	(SAT) Satisfactory
● 80.	Anchor System	(SAT) Satisfactory
● 81.	Hoist Spooling	(SAT) Satisfactory
Main Boom		
● 82.	Lift Cylinder(s)	(SAT) Satisfactory
● 83.	Telescoping Boom Cylinder(s)	(SAT) Satisfactory
● 84.	Hoses/Fittings/Valves	(SAT) Satisfactory
● 85.	Holding Device	(SAT) Satisfactory
● 86.	Boom Sections Alignment	(SAT) Satisfactory
● 87.	Wear Pads	(SAT) Satisfactory
● 88.	Sheaves	(SAT) Satisfactory
● 89.	Wire Rope Retainers	(SAT) Satisfactory
● 90.	Boom Hinge Pin	(SAT) Satisfactory
● 91.	Boom Head Section	(SAT) Satisfactory
● 92.	Auxiliary Boom Head	(NA) Not Applicable
● 93.	Structure	(SAT) Satisfactory
Luffing Boom Attachment		
● 94.	Luffing Jib Section Identification	(SAT) Satisfactory
● 95.	Luffing Jib Section Sequence	(SAT) Satisfactory
● 96.	Luffing Jib Tip Section	(SAT) Satisfactory
● 97.	Luffing Jib Point Sheaves	(SAT) Satisfactory
● 98.	Luffing Hoist Line Dead End	(SAT) Satisfactory

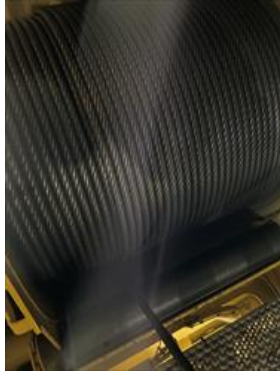
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● 99. Luffing Jib Warning Decals	(SAT) Satisfactory
● 100. Luffing Jib Foot Keepers & Pins	(SAT) Satisfactory
● 101. Lattice Members	(SAT) Satisfactory
● 102. Cord Members	(SAT) Satisfactory
● 103. End Connections & Pins	(SAT) Satisfactory
● 104. Luffing Jib Angle Indicator	(SAT) Satisfactory
● 105. Luffing Jib Stops	(SAT) Satisfactory
● 106. Luffing Jib Hoist Reeving	(SAT) Satisfactory
● 107. Guard Rails & Walking Surfaces	(SAT) Satisfactory
Main Drum Wire Rope	
● 108. Wire Rope Information	
Diameter	Construction/Type
25.63mm	Non Rotational
	Number of Parts
	3
● 109. Rope Damage	(SAT) Satisfactory P109
● 110. Lubrication	(SAT) Satisfactory
● 111. End Connectors	(SAT) Satisfactory
Main Hoist Load Block/Headache Ball/Hook	
● 112. Capacity and Weight	
Capacity	Weight
100 tons	375 kg
● 113. Capacity Marking	(SAT) Satisfactory
● 114. Weight Marking	(SAT) Satisfactory
● 115. Sheave(s)	(SAT) Satisfactory
● 116. Safety Latch(es)	(SAT) Satisfactory
● 117. 0° Hook Bend/Twist	(SAT) Satisfactory
● 118. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
● 119. 10% Hook Wear Max	(SAT) Satisfactory
● 120. Bearing	(SAT) Satisfactory
● 121. Wedge Socket/End Fitting	(SAT) Satisfactory
● 122. Reeving	(SAT) Satisfactory
3 parts of line	
Auxiliary Drum Wire Rope	
● 123. Wire Rope Information	
Diameter	Construction/Type
25.95 mm	RRLp
	Number of Parts
	Luffing Jib
● 124. Rope Damage	(SAT) Satisfactory P124
● 125. Lubrication	(SAT) Satisfactory
● 126. End Connectors	(SAT) Satisfactory
Verification and Completion	
● 127. Inspector Name & Signature	Anthony Capozzi
	
128. Additional Inspection Notes	
● 129. Sticker Given	(Y) Yes, Given on Site

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P109.1



P124.2